


ECE-345-001 (Fall 2020) ▼

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Review Test Submission: Quiz 3.4

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Course	Intro to Control Systems - Fall 2020 Section Group I67
Test	Quiz 3.4
Started	9/8/20 3:02 PM
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Status	Completed
Attempt Score	3 out of 3 points
Time Elapsed	0 minute
Results Displayed	Submitted Answers, Incorrectly Answered Questions

Question 11 out of 1 points




The formula  $G(s) = C(sI - A)^{-1}B + D$  is used to do which of the following?

Selected Answer:

Convert a state-space model to a transfer function.

Question 21 out of 1 points




The input and output of the transfer function  $G(s) = C(sI - A)^{-1}B + D$  are the same as the input and output of the state-space model  $(A,B,C,D)$ .

Selected Answer:

True

Question 31 out of 1 points



Which of the following is most correct?

Selected Answer:

A state-space model corresponds to just **one** transfer function.

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